## Fig.1

	GAATTCCGCGAACGAATAATTATTAGCAATTATTAGCGATCAATAATCTTGATCACATT														CATT	62				
ATG M	GCA A	AGC S	ACT T	ATT	AAG K	GAA E	GCA A	TTA L	TCA S	GTG V	GTG V	AGT S	GAA E	GAC D	CAG Q	TCC	TTG L	TTT F	GAG E	122 20
TGT C	GCC A	TAC	GGA G	TCG S	CCC	CAC	CTT L	GCA A	AAG K	ACA T	GAA E	ATG M	ACA T	GCC A	TCC S	TCT S	TCC S	AGT S	gaa e	182 40
TAT Y	GGG G	CAA Q	ACA T	TCA S	AAG K	ATG M	AGC S	CCG P	CGC R	GTT V	P CCC	CAG Q	CAG Q	GAC D	TGG W	TTA L	TCA S	CAG Q	CCC	242 60
CCG	GCC	AGA	GTT	ACC	ATT	AAG	ATG	GAG	TGT	AAC	CCA	AAC	CAG	GTT	aat	GGG	TCA	AGG	AAT	302
P	A	R	V	T	I	K	M	E	C	N	P	N	Q	V	N	G	S	R	N	80
TCA	CCT	GAT	GAC	TGC	AGC	GTG	GCA	AAA	GGA	GGG	AAA	ATG	GTT	AGC	AGT	TCA	GAC	AAT	GTT	362
S	P	D	D	C	S	V	A	K	G	G	K	M	V	S	S	S	D	N	V	100
GGG	ATG	AAC	TAT	GGA	AGC	TAC	ATG	gaa	GAG	AAG	CAT	ATT	CCG	CCT	CCA	AAT	ATG	ACA	ACC	422
G	M	N	Y	G	S	Y	M	e	E	K	H	I	P	P	P	N	M	T	T	120
AAT	gaa	CGA	AGA	GTT	ATT	GTG	CCA	GCA	GAT	CCT	ACG	TTA	TGG	AGC	ACA	GAC	CAT	GTA	CGG	482
N	E	R	R	V	I	V	P	A	D	P	T	L	W	S	T	D	H	V	R	140
CAG	TGG	CTG	GAG	TGG	GCA	GTG	AAG	GAG	TAT	GGT	CTT	CCA	GAC	GTG	GAC	ATC	TTG	TTG	TTC	542
Q	W	L	E	W	A	V	K	E	Y	G	L	P	.D	V	D	I	L	L	P	160
CAG	AAC	ATT	GAT	GGG	AAA	gag	TTG	TGT	AAA	ATG	ACC	AAA	GAT	GAC	TTC	CAG	AGA	CTC	ACG	602
Q	N	I	D	G	K	E	L	C	K	M	T	K	D	D	F	Q	R	L	T	180
CCG	AGC	TAT	AAC	GCA	GAT	ATC	CTC	CTG	TCA	CAC	CTA	CAC	TAC	CTC	AGA	GAG	ACT	CCT	CTT	662
P	S	Y	N	A	D	I	L	L	S	H	L	H	Y	L	R	E	T	P		200
CCA	CAT	TTG	ACT	TCA	GAT	GAT	GTT	GAT	AAG	GCC	TTA	CAA	AAC	TCT	CCA	CGG	TTA	ATG	CAT	722
P	H	L	T	S	D	D	V	D	K	A	L	Q	N	S	P	R	L	M		220
GCT	AGA	AAC	ACA	<u>G</u> GA	GGA	GCC	ACT	TTT	ATT	TTT	CCA	AAT	ACA	TCA	GTT	TAC	CCA	gaa	GCA	782
A	R	N	T	G	G	A	T	F	I	F	P	N	T	S	V	Y	P	E	A	240
ACG	CAA	AGA	ATA	ACA	ACA	AGG	CCA	GAT	TTA	CCT	TAT	gag	CAA	GCG	AGG	AGA	TCA	GCG	TGG	842
T	Q	R	I	T	T	R	P	D	L	P	Y	e	Q	A	R	R	S	A	W	260
ACG	AGT	CAC	AGC	CAT	CCC	ACT	CAG	TCA	AAA	GCT	ACC	CAA	CCA	TCA	TCT	TCA	ACA	GTG	CCC	902
T	S	H	S	H	P	T	Q	S	K	A	T	Q	P	S	S	S	T	V	P	280
AAA	ACA	GAA	GAC	CAG	CGT	CCT	CAG	TTA	GAT	CCT	TAT	CAG	ATT	CTT	GGA	CCG	ACC	AGC	AGC	962
K	T	E	D	Q	R	P	Q	L	D	P	Y	Q	I	L	G	P	T	S	S	300
CGT	CTT	GCA	AAT	CCA	GGG	AGT	GGG	CAG	ATA	CAG	CTA	TGG	CAG	TTC	CTA	CTG	gag	CTT	CTG	1022
R	L	A	N	P	G	S	G	Q	I	Q	L	W	Q	P	L	L	E	L	L	320
TCG	GAC	AGC	TCC	AAC	TCC	AAC	TGC	ATC	ACC	TGG	gag	GGC	ACA	AAT	GGG	GAG	TTC	AAG	ATG	1082
S	D	S	S	N	S	N	C	I	T	W	e	G	T	N	G	E	F	K	M	340
ACA	GAC	CCT	GAT	GAA	GTG	GCT	CGG	CGT	TGG	GGA	GAG	AGG	AAA	AGC	AAA	CCT	AAC	ATG	AAC	1142
T	D		D	E	V	A	R	R	W	G	E	R	K	S	K	P	N	M	N	360
TAT Y	GAC D	AAA K	CTC L	AGC S	CGT R	GCA A	CTT L	CGC R	TAC	TAC	TAT Y	GAC D	AAA K	AAT N	ATT	ATG M	ACT T	AAA K	GTT V	1202 380
CAT	GGT	AAA	CGC	TAT	GCC	TAC	AAA	TTT	GAT	TTC	CAC	GGA	ATC	GCT	CAG	GCC	CTC	CAG	CCT	1262
H	G	K	R	Y	A	Y	K	F	D	F	H	G	I	A	Q	A	L	Q	P	400
	CCT P	CCA P	GAA E	TCA S						CCA P					TAC Y	ATG M		TCC S	TAC Y	1322 420
CAT H	GCA A	CAC H	CCC P		AAG K		AAC N	TTT F	GTA V	GCT A		CAT H	CCC P	CCT P	GCT A	TTG L		GTA V	ACC T	1382 440
TCA S			TTT P			GCC A								CCA P				ATC I		1442 460
CCC	AAT N	ACC T	AGG R	CTG L	CCA P	GCT A	GCT A	CAT H	ATG M	CCT P	TCC S	CAT H	CTT L	GGC G	ACC T	TAC Y	TAC Y	TAA	GTG	1502 478
GGGA	AAGA	AAGA	AAGC	GCCA	AGAA	AA														1516

Fig.2

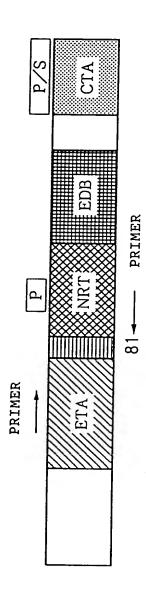


Fig.3

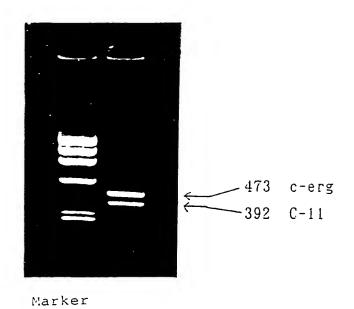


Fig.4

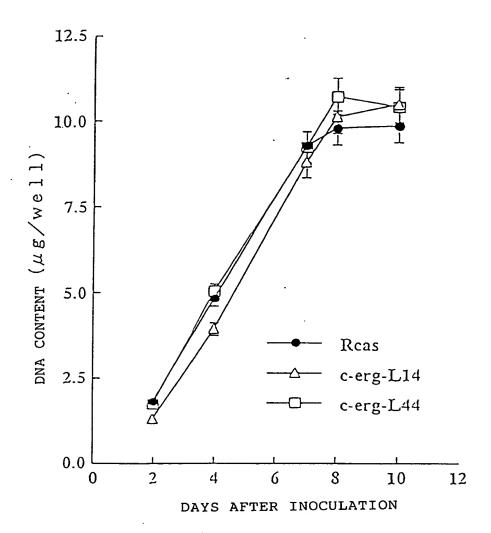


Fig.5

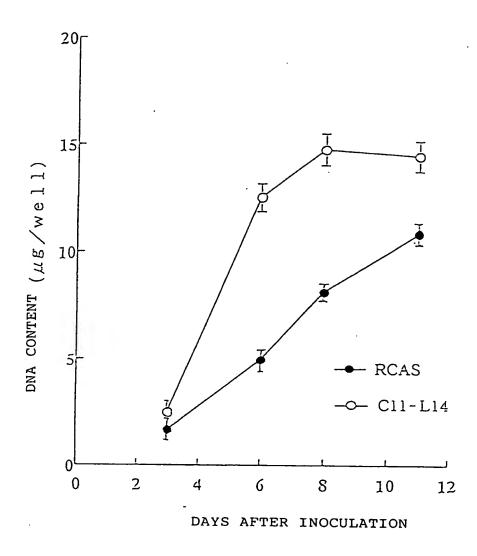


Fig.6

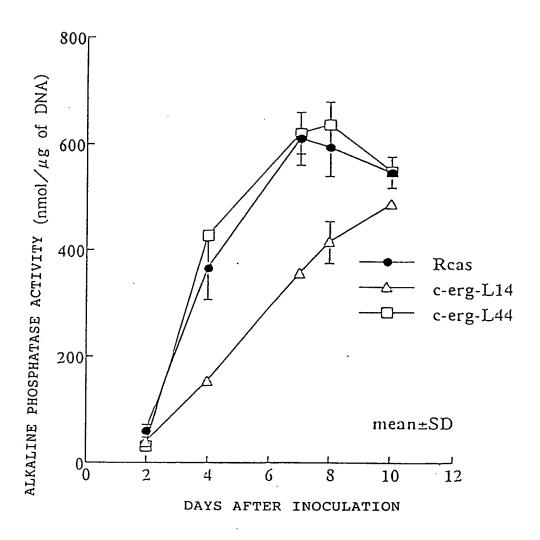


Fig.7

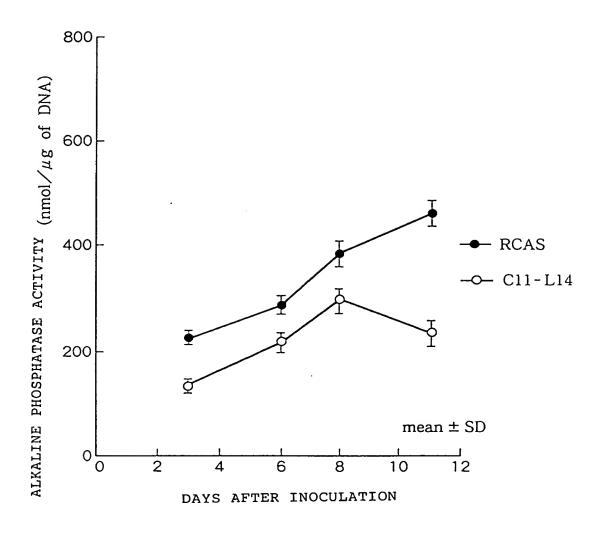
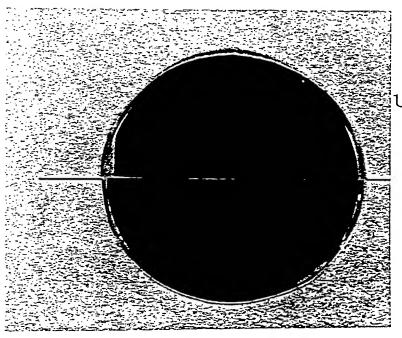


Fig.8



uninfected

Rcas

Fig.9

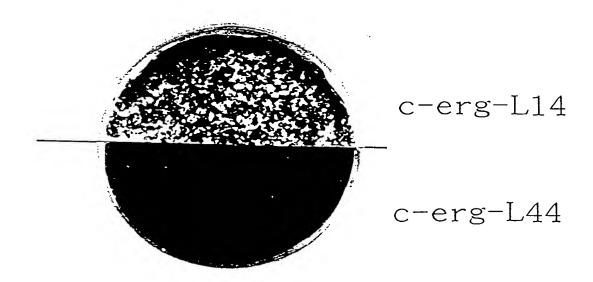


Fig.10

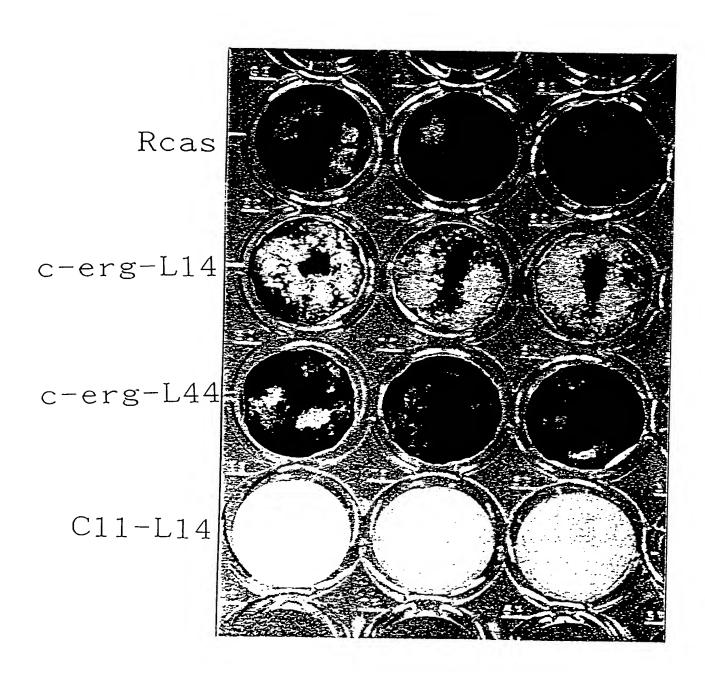


Fig.11

Rcas c-erg-L14 c-erg-L44 C11-L14

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